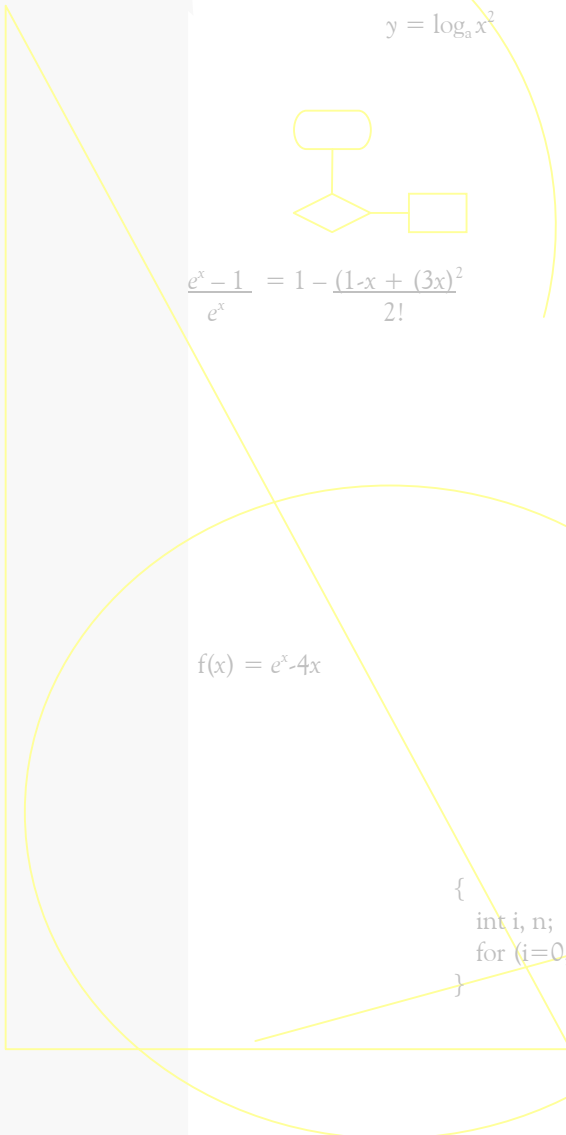
Applied Network Solutions
11 Banbury Avenue
Slough, Berkshire SL1 4LH

User Manual

ANS Email Sender



ANS Software
User Manual

The information recorded in this document will provide a detailed report of events and findings at the clients site

If there are any questions please do not hesitate to contact someone within Applied Network Solutions

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1. System Requirements

1. Microsoft Windows 98, 98SE, NT4 (Server & Workstation) SP6, 2000 (Server & Pro), XP (Home & Pro)
2. 128MB RAM
3. 20MB Hard drive space (10MB free on system drive), plus enough TEMP space to hold the largest attachment to be sent. 50MB recommended.
4. Permanent TCP/IP connection to an SMTP server (this may be over a transparent dial on demand router).

2. Installation Instructions

1. Run the setup. Select your required installation type (see below).
2. If the setup routine needs to update the Windows Installer, the machine will reboot. Once the machine has rebooted, start setup again.
3. Follow the on screen prompts
4. Change the installation directory when prompted (if required)

NB: Due to restrictions in effect on Windows 2000 and later operating systems it is recommended that the installation directory NOT be inside of the "Program Files" folder unless the folder permissions are changes to allow write access to all users on the network for the "Attachments" directory.

Installation Types:
If the machine you are installing EmailSender on already has an operational SQLBase client then you can chose the "Program only" install type and skip the following section, otherwise perform a "full install" and follow the steps below:

1. Configure the SQL.INI which is installed along with ANS EmailSender. Edit the section marked [win32client.ws32] and modify the SERVERPATH line with the TCP/IP address of your SQLBase server e.g. SERVERPATH=SERVER1,10.10.10.10/*
2. Replace the "127.0.0.1" part with the TCP/IP address of your server.
3. Reboot the machine and log in (if NT/2000/XP).

When the email sender starts up upon logon it will check for a default configuration, if one is found it will prompt you to update it:

1. Enter in the correct configuration details. *See usage section for more information on these items.* **Ensure Database name** and **SMTP server name** are correct before pressing OK.
2. Answer "Yes" to the "Save changes to INI" prompt.

At this point the Email Sender will minimise to the task bar. Installation is complete.

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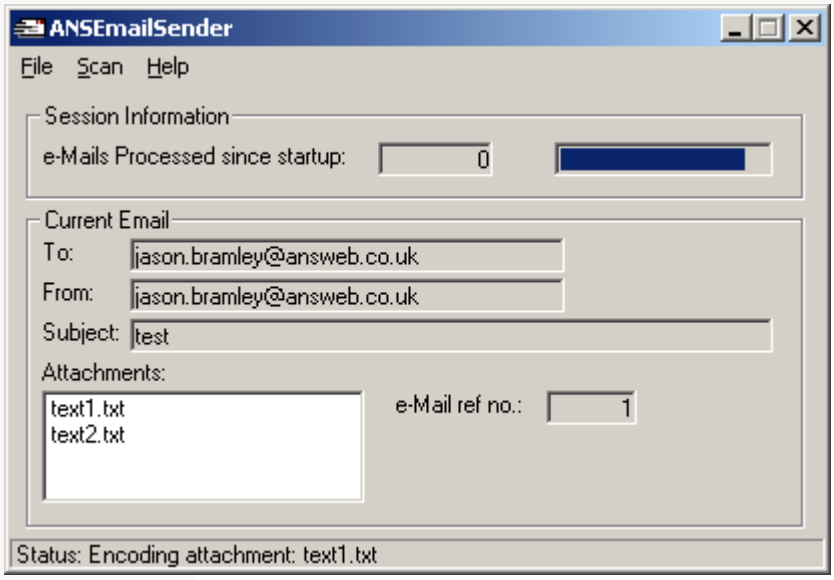
3. Using ANS EmailSender



The above screenshot shows what the main GUI looks like when an email is being sent. The session information section details how many emails have been processed since the program was started. It is worth noting that this number will be the number of emails both sent and failed combined. The scrolling blue progress bar is only an indicator that the program is operating and not "hung" or crashed.

The Current Email section is read-only. It displays summary data about the email which is being processed.

At the very bottom of the screen the current status of the program is displayed.

The menus allow various aspects of the program to be controlled.

File menu:

Open configuration	This item will read in the configuration from the "config.ini" file, located in the program's current directory. This can be used whilst testing out configurations to reload a known set of settings into the program, or to load changes made to the INI file directly without having to restart the application.
Save Configuration	This menu writes the current settings in use back to the config.ini file so they will be used even after a computer restart.
Edit configuration	This menu brings up the edit configuration screen, allowing the current settings to be changed. This screen will be detailed in its own section.
Exit	Exits the program after the current email has been sent.

Scan menu:

Start	This allows the program to query the database and process emails.
Stop	This suspends the processing of email (useful if you are performing database tasks and want to prevent ANS EmailSender from accessing the database.

Help menu:

About	Displays a brief description of the program and the version number.

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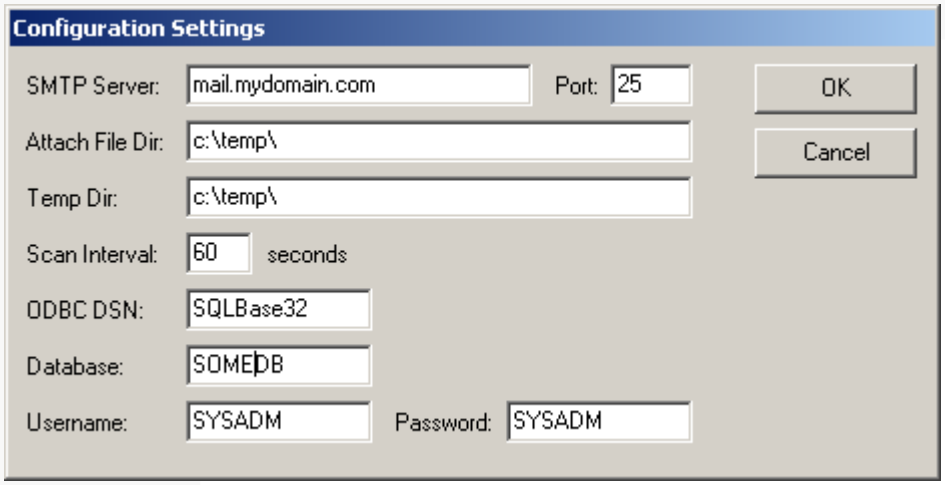
The Configuration Screen.



The configuration screen is where all the settings can be changed to suit the installation environment. This can be accessed from the File menu (Edit Configuration). All the settings correspond to an entry in the config.ini. Editing the config.ini and choosing "Read Configuration" or restarting the application, or editing the settings in the program and saving the configuration are both perfectly valid ways of changing settings.

Setting Name	Description
SMTP Server	This is the internet address of the SMTP (outbound mail) server you wish EmailSender to use for the email. This can be any valid SMTP server which is always accessible - this can be a machine on the LAN or an ISP's server so long as there is either a permanent connection or some dial-on-demand software which makes it appear to always be available. *This setting corresponds to the SMTPServer entry in the config.ini*
SMTP Port	The TCP/IP port EmailSender should use to contact the SMTP server. Normally this will stay on 25, however if proxy servers are being used then it may need adjustment. If in doubt contact the network administrator. *This setting corresponds to the SMTPPort entry in the config.ini*
Attach File Dir	This field shows the path EmailSender is expecting any attachment files to be located in. This path can point to any local drive or mapped network resource, however if this directory becomes unavailable (if on a network share) then email with attachments will fail to send. Either type a path in directly, or double-click to bring up a directory dialog. *This setting corresponds to the AttachFileDir entry in the config.ini*
Temp Dir	This field shows the path which EmailSender will use for its temporary files. This will often be C:\WINDOWS\TEMP or c:\temp etc, however any local path with enough disk space to hold 1.5 times the size of the largest attachment you intend to email out can be used. Either type a path in directly, or double-click to bring up a directory dialog. *This setting corresponds to the TempDir entry in the config.ini*
Scan Interval	This is the number of seconds between checks for new email requests. Recommended setting is between 60 and 180 (1 to 3 minutes). *This corresponds to the ScanInterval entry in the config.ini*
Database	Enter the name of the database which EmailSender should read the email requests from. *This setting corresponds to the DatabaseName entry in the config.ini*
Username	This is the username EmailSender should log into the database with. *This corresponds to the Username entry in the config.ini*
Password	This is the password EmailSender should use to log into the database. *This corresponds to the Password entry in the config.ini*

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Once the settings have been correctly entered and saved the program will process all requests stored in the database. Once it has processed the request the program will update the status of the request in the database (success or failure).

Upon installation EmailSender writes an entry called ANSEmailSender in the Registry under HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Run which starts the application every time the machine is booted and logged in. This saves you adding it to the startup group. Although you may delete the registry entry and place a shortcut in the startup group if you wish.

NB: When creating shortcuts remember to set the "startup in" directory to the path of the executable so that EmailSender can find its config.ini.

4. Un-installation

To uninstall ANS EmailSender use the "Add/Remove Programs" control panel applet (Start, Settings, Control Panel)